

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2114	714/23,10,14,5,721,22.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:42
L2	1251	713/340,324.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:52
L3	369	320/166.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:54
L4	497	702/64.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:56
L5	165	463/44.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:58
S1	226	714/23.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:41
S2	469	713/340.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:52
S3	52	memory same processor same (volt\$4 or power) same capacitor same (fail\$4 or fault or error)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/03 13:34
S4	488	713/324.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/03 13:34
S5	414	713/324.ccls. and (not 713/340.ccls. )	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/03 14:38
S6	276	320/166.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:54
S7	362	714/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/03 16:07
S8	162	714/14.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 10:23
S9	144	463/44.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 12:53
S10	19271	(processor with (volt\$4 or power) with (signal or pulse))	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 12:54

## EAST Search History

S11	399	(processor with (volt\$4 or power) with (signal or pulse)) same (capacitor with \$3charg\$3)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 12:55
S12	248	(processor with (volt\$4 or power) with (signal or pulse)) same (capacitor with \$3charg\$3) and (error or fail\$4 or fault)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 13:57
S13	2480	processor with power with (error or fail\$4 or fault)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 13:57
S14	49	processor with power with (error or fail\$4 or fault) with pulse	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:24
S15	774	processor with capacitor with \$3charg\$3	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:24
S16	443	(processor with capacitor with \$3charg\$3) and (error or fail\$4 or fault)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:25
S17	442	(processor with capacitor with \$3charg\$3) and (error or fail\$4 or fault) and (power or volt\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:25
S18	281	(processor with capacitor with \$3charg\$3) and (error or fail\$4 or fault) and program	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:26
S19	12	(processor with capacitor with \$3charg\$3) and (error or fail\$4 or fault) and (memory with cartridge)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:29
S20	3	(memory with cartridge) same (processor with (power or volt\$4) with (loss or reset or cut))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:30
S21	532	714/5.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:30
S22	516	714/5.ccls. and (not 714/23,10,14.ccls.)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/04 14:31
S23	23	karaoke and processor and (memory with cartridge)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 19:42
S24	14	karaoke and processor and (memory with cartridge) and power	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 19:42
S25	8	karaoke and processor and (memory with cartridge) and power and (error or fail\$4 or fault)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 19:45

## EAST Search History

S26	445	game and processor and (memory with cartridge) and power and (error or fail\$4 or fault)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 19:45
S27	86	(home with game) and processor and (memory with cartridge) and power and (error or fail\$4 or fault)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/04 19:45
S28	8	(home with game) and processor same (memory with cartridge) and power same (error or fail\$4 or fault)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:41
S29	4623	(cpu or \$5processor) with (fail\$5 or fault or error) with power	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:43
S30	312	(cpu or \$5processor) with (fail\$5 or fault or error) with power with program	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:59
S31	3	((cpu or \$5processor) with (fail\$5 or fault or error) with power with program) same (memory with cartridge)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:45
S32	6	((cpu or \$5processor) with (fail\$5 or fault or error) with power with program) and (memory with cartridge)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:46
S33	848	((cpu or \$5processor) adj3 (fail\$5 or fault or error) with power)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:47
S34	506	((cpu or \$5processor) adj3 (fail\$5 or fault or error) with power) and program	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:47
S35	86	((cpu or \$5processor) adj3 (fail\$5 or fault or error) with power) same program	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 12:57
S36	2083	((cpu or \$5processor) with (fail\$5 or fault or error)) same (power adj2 supply)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 13:00
S37	1185	((cpu or \$5processor) with (fail\$5 or fault or error)) with (power adj2 supply)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 13:00
S38	130	((cpu or \$5processor) with (fail\$5 or fault or error)) with (power adj2 supply) and (memory with (attach\$5 or cartridge or remov\$5))	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 13:23
S39	1075	processor with (error or fault or fail\$5) with reset	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 13:24
S40	1	(memory adj2 cartridge) same (processor with (error or fault or fail\$5) with reset)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 13:24

## EAST Search History

S41	209	(memory) same (processor with (error or fault or fail\$5) with reset)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 15:20
S42	410	processor with pulse with threshold	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 16:21
S43	115	(processor with pulse with threshold) and program	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 15:28
S44	65	(processor with pulse with voltage with threshold)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 15:36
S45	562190	(processor output with pulse with voltage with threshold)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 15:36
S46	30	(processor with output with pulse with voltage with threshold)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 15:37
S47	10	(processor with output with pulse with voltage with threshold) and memory	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 15:39
S48	165	714/721.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 16:00
S49	361	702/64.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:56
S50	30	processor with pulse with output with voltage with threshold	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 16:22
S51	38	714/10.ccls. and (pulse with output)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 16:28
S52	72	714/10.ccls. and (power with (off or down))	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 21:52
S53	2269	"714"/\$3.ccls. and (not 714/10.ccls.) and (power with (off or down))	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 16:39
S54	193	"714"/\$3.ccls. and (not 714/10.ccls.) and (processor with (power with (off or down)))	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 16:40
S55	1118	(processor near3 error) and (power with supply)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:23

## EAST Search History

S56	57	(processor near3 error) same (power with supply)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:29
S57	11327	power with control with (program or routine)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:29
S58	1191	(power with control with (program or routine)) and ((\$5processor or cpu) with (error or fail\$4 or fault))	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:30
S59	402	(power with control with (program or routine)) and ((\$5processor or cpu) with (error or fail\$4 or fault)) and threshold	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:30
S60	167	(power with control with (program or routine)) and ((\$5processor or cpu) with (error or fail\$4 or fault)) and (voltage with threshold)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:31
S61	1	(power with control with (program or routine)) and ((\$5processor or cpu) with (error or fail\$4 or fault)) and (voltage with threshold) and (memory adj2 cartridge)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:31
S62	162	(power with control with (program or routine)) and ((\$5processor or cpu) with (error or fail\$4 or fault)) and (voltage with threshold) and (memory)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 19:31
S63	144	(power with control with (program or routine)) and ((\$5processor or cpu) with (error or fail\$4 or fault)) and (voltage with threshold) and (memory) and capacitor	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:44
S64	10500	(game or karaoke) with memory	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:45
S65	29	((game or karaoke) with memory) same (processor with (fail\$ or error or fault))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:49
S66	237	(power adj2 control) same (processor with (fail\$ or error or fault))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:50
S67	30	processor near4 (power near (off or reset or disconnect or down) with (error or fail\$4 or fault))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:55
S68	0	procesor with error with power with off	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:55

## EAST Search History

S69	0	processor with error with power with down	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:56
S70	41	processor with error with power with off	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 19:58
S71	248	714/22.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 20:47
S72	3	processor adj2 (fault or fail\$4 or error) adj3 power near2 (off or down)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 20:17
S73	28	463/24.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 20:41
S74	311	"463"/\$3.ccls. and ((\$5processor or cpu) with (fail\$5 or fault or error))	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 20:42
S75	28	"463"/\$3.ccls. and ((\$5processor or cpu) with (fail\$5 or fault or error) with power)	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 20:42
S76	103	714/10-13.ccls. and ((processor adj2 (error or fault or fail\$4))) and ((power or volt\$4) with (sto\$4 or off or reset))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:09
S77	7	processor with (fail\$4 or fault or error) with output with reset with condition	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:10
S78	0	processor with (fail\$4 or fault or error) with output with reset with cartridge	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:10
S79	1	processor with (fail\$4 or fault or error) with output with cartridge	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:11
S80	149	(processor with (fail\$4 or fault or error) with output) and cartridge	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:15
S81	12	(processor with (fail\$4 or fault or error) with output) and (memory adj2 cartridge)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:16
S82	145	(processor with (fail\$4 or fault or error)) and ((memory adj2 cartridge))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:19
S83	9	(processor with (fail\$4 or fault or error) with power) and ((memory adj2 cartridge))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:20

## EAST Search History

S84	1014	(processor with (fail\$4 or fault or error) with reset) and ((memory))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:20
S85	252	(processor with (fail\$4 or fault or error) with reset) and ((memory)with (remov\$4 or \$3attach\$5 or cartridge))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:21
S86	94	((processor with (fail\$4 or fault or error) with reset) same power) and ((memory)with (remov\$4 or \$3attach\$5 or cartridge))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:26
S87	207	714/10.ccls. and power	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:27
S88	259	714/10.ccls. and (power with reset or off or down)	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:27
S89	92	714/10.ccls. and (power with (reset or off or down))	US-PGPUB; USPAT; DERWENT	OR	ON	2004/05/05 21:40
S90	364	714/10.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/05/05 21:52
S91	1714	714/23,10,14,5,721,22.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/12/13 16:27
S92	968	713/340,324.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/12/13 16:31
S93	155	463/44.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 16:58
S94	300	320/166.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/12/13 16:32
S95	404	702/64.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/12/13 16:32
S96	1828	714/23,10,14,5,721,22.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:10
S97	1057	713/340,324.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:12
S98	160	463/44.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:14

## EAST Search History

S99	326	320/166.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:15
S10 0	437	702/64.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:16
S10 1	3731	processor with (fault or error or fail\$4) and (power with off)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:17
S10 2	169	processor with (fault or error or fail\$4) with (power with off)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:17
S10 3	35	processor with (fault or error or fail\$4) with (off adj2 state)	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/15 11:17
S10 4	0	714/23,10, "14,5,721,22".ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/24 17:44
S10 5	1935	714/23,10,14,5,721,22".ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/24 17:44
S10 6	1935	"714/23,10,14,5,721,22".ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/24 17:46
S10 7	0	713/340.324.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/24 17:47
S10 8	1147	713/340,324.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/24 17:48
S10 9	164	463/44.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/24 17:49
S11 0	348	320/166.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/24 17:50
S11 1	462	702/64.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/25 11:31
S11 2	2	"6456587".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/25 11:31
S11 3	2	"6366556".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/25 11:31



## EAST Search History

S11 4	2	"6233073".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/25 11:31
S11 5	3548	714/25,27,9,5,38.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 15:30
S11 6	1133	717/127,124.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 15:33
S11 7	177	711/6.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 15:33

# Interference Search

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	17	((power with supply) same pulse same (detect\$4 with error) same off).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 17:14
L9	0	((power with supply) same cartridge same (detect\$4 with error) same off).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 17:14
L10	1	((power with supply) same cartridge same (detect\$4 with error)).clm.	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/12 17:14